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10/542576

JC17 Rec'd PCT/PTO 19 JUL 2005

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July 19, 2005

MAIL STOP PCT

Commissioner for Patents

P.O. BOX 1450

Alexandria, VA 22313-1450

PCT/JP2004/000337

-filed January 16, 2004

Re: Application of Shinichi HORI
GAIN-VARIABLE VOLTAGE-CURRENT CONVERSION CIRCUIT AND
FILTERING CIRCUIT INCLUDING THE SAME
Assignee: NEC CORPORATION
Our Ref: Q89211

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application.
- ☒ 19 sheets of drawings.
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ a copy of the ISR.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR/IPER references.
- ☒ a copy of each reference cited in the ISR/IPER.
- ☒ a copy of the cover page of WO 2004/000337
- ☒ a Preliminary Amendment.
- ☒ **it is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f)**

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.



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National Stage Entry of PCT/JP2004/000337

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Before calculating the fee, please see the attached Preliminary Amendment:

Total claims	<u>20</u>	-	<u>20</u>	=	<u> </u>	x	\$50.00	=	<u> </u>	\$0.00
Independent claims	<u>2</u>	-	<u>3</u>	=	<u> </u>	x	\$200.00	=	<u> </u>	\$0.00
Base Fee										<u>\$300.00</u>
Search Fee*										<u>\$400.00</u>
Examination Fee*										<u>\$200.00</u>
TOTAL FILING FEE										<u>\$900.00</u>
Recordation of Assignment										<u>\$ 40.00</u>
<u>TOTAL FEE</u>										<u>\$940.00</u>


* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$900.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2003-010533	January 20, 2003

Respectfully submitted,


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 Registration No. 25,665

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

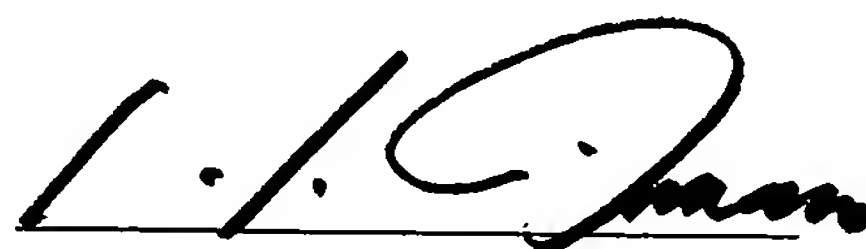
Date: July 19, 2005

DECLARATION

I, Hiroshi AMANO, Patent Attorney, a president of Amano, Watanabe & Associates, Shine-Mita bldg. 5F, 40-4, Shiba 3-chome, Minato-ku, Tokyo, Japan, hereby declare that I am conversant with both Japanese and English languages and that the attached document is a true and exact translation of the claims and the specification of International Application PCT/JP2004/000337.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.

Dated: July 13, 2005



Hiroshi AMANO